

SPENT FUEL ACADEMY 2021 AGENDA

TUESDAY, FEBRUARY 2

LOCATION: ONLINE

WELCOME AND INTRODUCTION

8:30 to 9:00 am

SPEAKER: *Dr. Mike McMahon, Vice President,
Consulting & Strategic Project*

SESSION 1—Summary of Spent Fuel Management

9:00 to 9:30am

SPEAKER: *Mr. Dave Culp, Director, Consulting*

SESSION 2—Dry Storage System Concepts & Design

9:30 to 10:30 am

SPEAKER: *Dr. Mike McMahon*

BREAK—10:30 TO 10:45 AM

SESSION 3—Dry Storage/Transport Regulatory and Licensing Requirements Summary

10:45 to 11:30 am

SPEAKER: *Mr. Wren Fowler, Director, Licensing*

SESSION 4—Introduction to Dry Storage System Engineering and Analysis-Structural Design and Analysis

11:30 am to 12:15 pm

SPEAKER: *Dr. Mike Yaksh, Manager, Applied Mechanics*

LUNCH—12:15 TO 1:00 PM

SESSION 4—(cont'd) Introduction to Dry Storage System Engineering and Analysis-Structural Design and Analysis

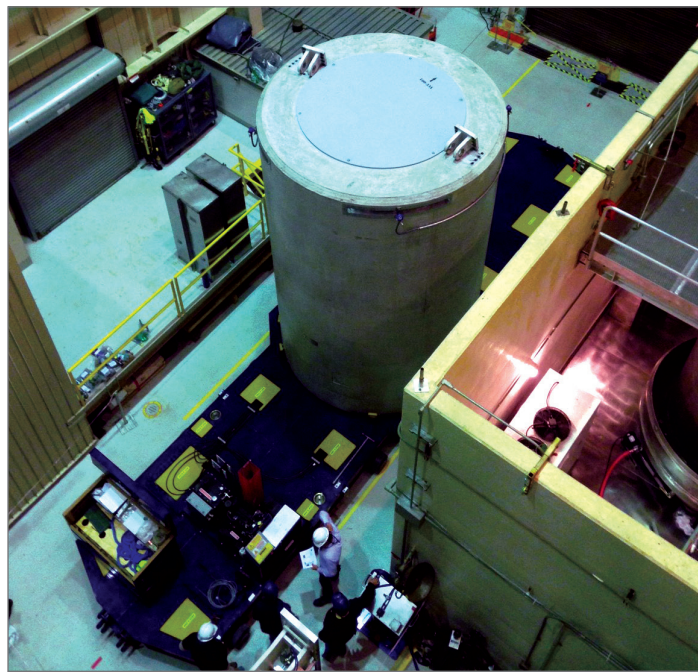
1:00 to 1:30 pm

SPEAKER: *Dr. Mike Yaksh*

SESSION 5—Introduction to Dry Storage System Engineering and Analysis: Thermal Design and Analysis

1:30 to 2:30 pm

SPEAKER: *Dr. Mike Yaksh*



SESSION 6—Introduction to Dry Storage System Engineering and Analysis-Criticality Control and Analysis

2:30 to 3:15 pm

SPEAKER: *Mr. Ryan Archibald, Nuclear Engineer*

BREAK—3:15 TO 3:30 PM

SESSION 7—Introduction to Dry Storage System Engineering and Analysis-Shielding Design and Analysis

3:30 to 4:15 pm

SPEAKER: *Mr. Ryan Archibald*

SESSION 8—Introduction to Dry Storage System Engineering and Analysis-Confinement Design and Analysis

4:15 to 5:00 pm

SPEAKER: *Mr. Ryan Archibald*

END OF DAY 1

WEDNESDAY, FEBRUARY 3

LOCATION: ONLINE

SESSION 9—Overview of Canister Fabrication

8:30 to 9:45 am

SPEAKER: *Mr. John Edwards, Director, Fabrication*

SESSION 10—Transfer Cask Fabrication and Overpack Construction

9:45 to 10:15 am

SPEAKER: *Mr. John Edwards*

BREAK—10:15 TO 10:30 AM

SESSION 10—(cont'd) Transfer Cask Fabrication and Overpack Construction

10:30 to 11:00 am

SPEAKER: *Mr. John Edwards*

SESSION 11—Background and Implementation of 10CFR72.48 Requirements

11:00 to 12:00 noon

SPEAKER: *Mr. Wren Fowler, Director, Licensing*

LUNCH—12:00 TO 1:00 PM

SESSION 12—Dry Storage Operations, Handling and Transport Overview

1:00 to 3:00 pm

SPEAKER: *Mr. Jay Wellwood, Manager, Storage Operations*

BREAK—3:00 TO 3:15 PM

SESSION 13—Emerging Issues in Dry Storage Design, Analysis and Licensing

3:15 to 4:30 pm

SPEAKER: *Mr. George Carver, Vice President, Engineering & Licensing*

SESSION 14—Economic Analysis of Dry Storage and Life Cycle Costs

4:30 to 5:00 pm

SPEAKER: *Mr. Dave Culp*

END OF DAY 2

THURSDAY, FEBRUARY 4

LOCATION: ONLINE

SESSION 15—The Quality Assurance Imperative in Dry Storage

8:30 to 9:30 am

SPEAKER: *Mr. David Jensen, Manager, Quality Assurance*

SESSION 16—Summary of Key QC Tests and Inspections

9:30 to 10:15 am

SPEAKER: *David Jensen*

BREAK—10:15 TO 10:30 AM

SESSION 17—Performance-based Approach to Manufacturing Oversight

10:30 to 11:30 am

SPEAKER: *Mr. John Rivera, Director, Fuel Performance*

SESSION 18—Identification of Critical Attributes

11:30 to 12:00 noon

SPEAKER: *Mr. John Rivera*

LUNCH—12:00 TO 1:00 PM

SESSION 18—(cont'd) Identification of Critical Attributes

1:00 to 1:45 pm

SPEAKER: *Mr. John Rivera*

SESSION 19—Graded Approach to Planning and Implementation of Manufacturing Surveillance

1:45 to 2:45 pm

SPEAKER: *Mr. John Rivera*

ADJOURN COURSE/CLOSING REMARKS

2:45 to 3:00 pm

SPEAKER: *Dr. Mike McMahon, Vice President, Consulting & Strategic Projects*

END OF SEMINAR

NAC reserves the right to substitute other qualified individuals should any of the scheduled instructors become unavailable for unforeseen reasons beyond NAC control.